

**United States Environmental Protection Agency  
Region IX  
POLLUTION REPORT**

**Date:** Tuesday, January 08, 2008

**From:** Robert Wise, OSC

**To:**

ERT Support,	Steve Calanog, EPA
Paul Casa Grande, EPA	Eugene Rainwater, EPA
Barbara Lee, EPA	Ivania Brown, EPA
Peggy De La Torre, EPA	Pat Port, DOI
Sherry Fielding, EPA	Carole Kirby, Cincinnati Finance, USEPA
Kevin Sligh, PST	Harvey Packard, RWQCB
Harry Allan, ERS	Hedy Salter, USEPA R9
Ed Brannon, DOGGR	Craig Benson, ERS
Daniel Meer, US EPA R9	Peter Guria, ERS
Chad Gibson, START	Lt. Brian Gollhopper, CADFG
Mark Samolis, USEPA	Mary Simms, EPA
Steven John, EPA	Jason Musante, ERS
Kenneth Wilson, DFG	Melissa Boggs-Blalack, DFG
Jim Hanson, EPA	Joshua Curtis, CADFG-OSPR
Donn Zuroski, ERS	John Holland, DFG
Damian Higgins, USFWS	Rich Martyn, EPA
Will Duncan, ERS	Janet Yocum, ERS
Michelle Rogow, ERS	Martin Powell, ERS
Tom Dunkelman, ERS	Peter Reich, EPA
Greg Haas, Congressional Staffer	Josh Neipp, SBCOFD
Richard Todd, SBCoFD	Kate Sulka, SBCFD
Michael Massey, EPA ORC	Mike Connell, CADFG OSPR
Steve Nailor, SBCOFD	Todd Stanley, CCRWQCB
Terry Snyder, APCD	Pam McNulty, SBCO Petroleum Office
Mike Zimmer, SBCO Petroleum Office	Denise Steurer, USFWS
Ian Zelo, NOAA	

**Subject:** Site Discovery and Initial Response  
Greka Energy Zaca Lease Davis Tank Battery 2008 Spill  
5017 Zaca Station Road, Los Olivos, CA  
Latitude: 34.72658784  
Longitude: -120.14714783

<b>POLREP No.:</b>	1	<b>Site #:</b>	
<b>Reporting Period:</b>	01/05-07/2008	<b>D.O. #:</b>	
<b>Start Date:</b>	1/5/2008	<b>Response Authority:</b>	OPA
<b>Mob Date:</b>	1/6/2008	<b>Response Type:</b>	Emergency
<b>Completion Date:</b>		<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	Removal Action

RCRIS ID #:  
FPN#

E08903

Contract #  
Reimbursable Account #

### Site Description

On January 5, 2007, an oil spill occurred in the Davis Tank Battery on the Greka Energy Zaca Lease. The spill report stated that 20 barrels of crude oil and 50 barrels of produce water were spilled. The spill was the result of the over filling of a produce waste water tank. The tank overflowed for approximately 13 hours before being discovered. The oil and produce water spilled into the secondary containment of the Davis Tank Battery. The containment of the tank battery was compromised by an unvalved 12" diameter drainage conduit that allowed the spilled material to exit the secondary containment. The oil and produce water exited the secondary containment and migrated through a Santa Barbara Co. Roads Yard, through a winery equipment storage yard and finally into an unnamed tributary to Zaca Creek. The oil initially traveled approximately 1/2 mile down the creek.

The Santa Barbara Co. Fire Department and the California Department of Fish and Game (DFG) responded to the spill. The DFG directed Greka to retain a contractor to cleanup the creek. Greka retained Advanced Cleanup Technologies (ACTI). Due to rainy conditions, Greka built to dams to prevent the oil from migrating further down the creek. On Saturday night, due to flash flood conditions in the creek bed, the dams were compromised and the oil flowed approximately another 3/4 mile downstream.

### Current Activities

The initial spill report came into the Region 9 duty officer on Saturday morning. The On-Scene Coordinator (OSC) Duty Officer contacted OSC Robert Wise and notified him of the spill. OSC Wise was also notified of the spill by Santa Barbara Co. Petroleum Office and the DFG. OSC Wise promptly dispatched a START contractor from the Santa Maria, California START office to conduct a site visit and assess the situation. START stated that a large area of coated in oil and that the dams placed in the creek had been compromised. START also stated that the estimate of the amount of oil and produce water spilled exceed the initial spill report. Based on this information and in consultation with the Duty OSC, OSC Wise mobilized to the spill on Sunday morning. OSC Wise also mobilized two additional START team members, the Pacific Strike Team and the Southern California EPA Mobile Command Post.

OSC Wise and START arrived on-site late on January 6, 2007. After meeting with the START on scene, OSC Wise assessed the situation in cooperation with START and the ACTI Response Manager.

On January 7, 2007, OSC Wise, START and PST mobilized to the site. OSC Wise met with DFG representatives and formulated activities for the day. At EPA's direction, Greka directed their contractor to work on removing the sources of migrating oil in the County Road Yard and the winery storage area. Greka's employees were cleaning up the Davis Tank Battery and the County Road Yard. ACTI further repaired the dams in the creek and worked on removing the oil and the creek.

As of January 7, 2008, California Department of Oil, Gas and Geothermal Resources (DOGGR) estimates that at least of 600 barrels of crude oil and an unknown amount of water have been released. DFG is currently quantifying the amount of oil released.

**United States Environmental Protection Agency  
Region IX  
POLLUTION REPORT**

**Date:** Tuesday, January 08, 2008

**From:** Robert Wise, OSC

<p><b>To:</b> ERT Support, Paul Casa Grande, EPA Barbara Lee, EPA Peggy De La Torre, EPA Sherry Fielding, EPA Kevin Sligh, PST Harry Allan, ERS Ed Brannon, DOGGR Daniel Meer, US EPA R9 Chad Gibson, START Mark Samolis, USEPA Steven John, EPA Kenneth Wilson, DFG Jim Hanson, EPA Donn Zuroski, ERS Damian Higgins, USFWS Will Duncan, ERS Michelle Rogow, ERS Tom Dunkelman, ERS Greg Haas, Congression Staffer Richard Todd, SBCoFD Michael Massey, EPA ORC Steve Nailor, SBCOFD Terry Snyder, APCD Mike Zimmer, SBCO Petroleum Office Ian Zelo, NOAA</p>	<p>Steve Calanog, EPA Eugene Rainwater, EPA Ivania Brown, EPA Pat Port, DOI Carole Kirby, Cinnцинatti Finance, USEPA Harvey Packard, RWQCB Hedy Salter, USEPA R9 Craig Benson, ERS Peter Guria, ERS Lt. Brian Gollhopher, CADFG Mary Simms, EPA Jason Musante, ERS Melissa Boggs-Blalack, DFG Josha Curtis, CADFG-OSPR John Holland, DFG Rich Martyn, EPA Janet Yocum, ERS Martin Powell, ERS Peter Reich, EPA Josh Neipp, SBCOFD Kate Sulka, SBCFD Mike Connell, CADFG OSPR Todd Stanley, CCRWQCB Pam McNulty, SBCO Petroleum Office Denise Steurer, USFWS</p>
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**Subject:** Continuing Site Cleanup  
Greka Energy Zaca Lease Davis Tank Battery 2008 Spill  
5017 Zaca Station Road, Los Olivos, CA  
Latitude: 34.72658784  
Longitude: -120.14714783

<b>POLREP No.:</b>	2	<b>Site #:</b>	
<b>Reporting Period:</b>	01/08/2008	<b>D.O. #:</b>	
<b>Start Date:</b>	1/5/2008	<b>Response Authority:</b>	OPA
<b>Mob Date:</b>	1/6/2008	<b>Response Type:</b>	Emergency
<b>Completion Date:</b>		<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	Removal Action

### **Planned Removal Actions**

1. Removal of all oil from the impacted areas.
2. Decontamination and repair of the tank farm
3. Restoration of the creek.

### **Next Steps**

The RP's contractor ACTI will continue to decontaminate the creek. Greka employees will continue to decontaminate the tank farm, the country road yard and winery storage area.

### **Key Issues**

A permit required confined space entry is required under the county road yard office to remove oil that migrated under the road. EPA and DFG will be discussing this issued with Greka to determine who is best suited to conduct the entry and oil removal.

[www.epaosc.net/GrekaDavisBatterySpill2008](http://www.epaosc.net/GrekaDavisBatterySpill2008)

**RCRIS ID #:****FPN#**

E08903

**Contract #****Reimbursable Account #****Site Description**

On January 5, 2007, an oil spill occurred in the Davis Tank Battery on the Greka Energy Zaca Lease. The spill report stated that 20 barrels of crude oil and 50 barrels of produce water were spilled. The spill was the result of the over filling of a produce waste water tank. The tank overflowed for approximately 13 hours before being discovered. The oil and produce water spilled into the secondary containment of the Davis Tank Battery. The containment of the tank battery was compromised by an unvalved 12" diameter drainage conduit that allowed the spilled material to exit the secondary containment. The oil and produce water exited the secondary containment and migrated through a Santa Barbara Co. Roads Yard, through a winery equipment storage yard and finally into an unnamed tributary to Zaca Creek. The oil initially traveled approximately 1/2 mile down the creek.

The Santa Barbara Co. Fire Department and the California Department of Fish and Game (DFG) responded to the spill. The DFG directed Greka to retain a contractor to cleanup the creek. Greka retained Advanced Cleanup Technologies (ACTI). Due to rainy conditions, Greka built to dams to prevent the oil from migrating further down the creek. On Saturday night, due to flash flood conditions in the creek bed, the dams were compromised and the oil flowed approximately another 3/4 mile downstream.

**Current Activities**

Greka staff continued to decontaminate the tank farm using a steam cleaner and manual labor. Greka and ACTI staff removed the oil and waste water temporary containment area set up on the effluent end of the drainage conduit that drained the tank farm secondary containment. Waste oil and sediment was placed in the roll-off bins for off-site disposal to Chemical Waste Management, Kettleman Hills, CA. No bins will leave the site until oil quantification by DFG.

Greka worked on the decontamination of the impacted winery equipment.

Greka welded a steel cap on the influent end of the drainage conduit to prevent any future migration of oil out of the secondary containment.

ACTI continued to remove oil from the creek. The oil is removed by manual laborers digging it up and placing it in plastic bags. The bags were then placed on plastic sheets outside of the creek or in the roll-off-bins.

After examining Greka's capabilities to conduct the permit required confined space entry underneath the County Road Maintenance building to remove oil that migrated during the spill, Greka was directed to have their contractor clean under the building. Greka did not meet the requirements pursuant to 29 CFR 1910.146.

The news media from the local newspaper and UNIVISION, the Spanish language station was on-site. The press was managed by DFG.

EPA's Oil Program Inspector was on-site to begin SPCC inspections of the tank batteries.

**Planned Removal Actions**

1. Remove all oil contamination from the creek, tank farm and adjacent areas.
2. Restore the creek to its natural condition.
3. Fill the conduit with concrete to permanently close it.

#### **Next Steps**

1. Complete the gross contamination removal from the creek.
2. Complete decontamination of the tank farm and adjacent areas.

#### **Key Issues**

OSC Wise issued a NOFI to Greka.

[www.epaosc.net/GrekaDavisBatterySpill2008](http://www.epaosc.net/GrekaDavisBatterySpill2008)

United States Environmental Protection Agency  
Region IX  
POLLUTION REPORT

**Date:** Thursday, January 10, 2008

**From:** Robert Wise, OSC

**To:** ERT Support,  
Paul Casa Grande, EPA  
Barbara Lee, EPA  
Peggy De La Torre, EPA  
Sherry Fielding, EPA  
Kevin Sligh, PST  
Harry Allan, ERS  
Ed Brannon, DOGGR  
Daniel Meer, US EPA R9  
Chad Gibson, START  
Mark Samolis, USEPA  
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Kate Sulka, SBCFD  
Mike Connell, CADFG OSPR  
Todd Stanley, CCRWQCB  
Pam McNulty, SBCO Petroleum Office  
Denise Steurer, USFWS

**Subject:** Continuation of Cleanup  
Greka Energy Zaca Lease Davis Tank Battery 2008 Spill  
5017 Zaca Station Road, Los Olivos, CA  
Latitude: 34.72658784  
Longitude: -120.14714783

<b>POLREP No.:</b>	3	<b>Site #:</b>	
<b>Reporting Period:</b>	01/09-10/08	<b>D.O. #:</b>	
<b>Start Date:</b>	1/5/2008	<b>Response Authority:</b>	OPA
<b>Mob Date:</b>	1/6/2008	<b>Response Type:</b>	Emergency
<b>Completion Date:</b>		<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	Removal Action

RCRIS ID #: E08903 Contract #  
FPN# Reimbursable Account #

**Site Description**  
See POLREP #1.

**Current Activities**

ACTI continues cleanup in the creek. ACTI had 75 laborers working in the creek manually removing oil contamination. Oil is being removed using shovels and rakes to uncover buried oil. On January 9, 2008, ACTI began a Permit Required Confined Space Entry underneath the County Road Yard building to remove oil. There is an oil plume 3-4" thick spanning the entire length of the building. The oil was removed using a supersucker vacuum truck. A temporary surface impoundment for this oil removed from the supersucker was built near the tankfarm and vacuum truck was emptied into it for temporary storage of the oil until it can be loaded into roll-off-bins.

Greka has completed the gross decontamination of the pad above the creek (removal of visual black oil). Greka is continuing to decontaminate the tank farm. Greka sealed the 12' drainage conduit in the secondary containment by welding a new top on it. The old top was siezed by DFG as evidence.

Greka has publically claimed sabotage caused this spill resulting in a number of areas on-site being marked as crime scenes by DFG. DFG is maintaining a 24-hour presence on-site to maintain chain of custody.

On January 10, 2008, EPA collected soil and water samples from the impacted areas to document the contamination and determine how the cleanup is progressing. EPA also collected a number of background samples to help establish a action level. The samples will be run for Total Petroleum Hydrocarbons, Volatile Organic Compounds and Semi-Volatile Organic Compounds.

**Planned Removal Actions**

1. Greka is going to scrape two inches of soil of the entire drainage pathway prior to entry into the creek.
2. Continue cleanup of the creek.
3. Continue cleanup under the County Road Yard building.
4. Continue decontamination of the tank farm.

**Next Steps**

1. Complete the gross contamination removal from the creek.
2. Complete decontamination of the tank farm and adjacent areas.

**Key Issues**

1. Greka's allegation of sabotage.
2. Media Attention: EPA issued a press release on January 9, 2008. OSC Wise has given interviews to the local NBC Affiliate, AP, Environmental News Service and the local newspapers.

[www.epaosc.net/GrekaDavisBatterySpill2008](http://www.epaosc.net/GrekaDavisBatterySpill2008)



United States Environmental Protection Agency  
Region IX  
POLLUTION REPORT

**Date:** Saturday, January 19, 2008

**From:** Robert Wise, OSC

**To:** ERT Support,  
Paul Casa Grande, EPA  
Barbara Lee, EPA  
Peggy De La Torre, EPA  
Sherry Fielding, EPA  
Kevin Sligh, PST  
Harry Allan, ERS  
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Todd Stanley, CCRWQCB  
Pam McNulty, SBCO Petroleum Office  
Denise Steurer, USFWS

**Subject:** Continuation of Cleanup  
Greka Energy Zaca Lease Davis Tank Battery 2008 Spill  
5017 Zaca Station Road, Los Olivos, CA  
Latitude: 34.72658784  
Longitude: -120.14714783

<b>POLREP No.:</b>	4	<b>Site #:</b>	
<b>Reporting Period:</b>	01/11-19/2008	<b>D.O. #:</b>	
<b>Start Date:</b>	1/5/2008	<b>Response Authority:</b>	OPA
<b>Mob Date:</b>	1/6/2008	<b>Response Type:</b>	Emergency
<b>Completion Date:</b>		<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	Removal Action

**RCRIS ID #:**  
**FPN#**

E08903

**Contract #**  
**Reimbursable Account #**

### **Current Activities**

Greka's contractor completed the gross decontamination of the creek. The gross decontamination was conducted using manual labor and hand crews. Due to high potential for damage to the creek, heavy equipment was not used. The bulk oil and contaminated soil was shoveled into garbage bags and placed into roll-off-bins. Greka's contractor is currently sparging the creek with hot water to remove oil bound up in the sediments or buried. Fresh water is being used. The contaminated water is being collected into vacuum trucks and transferred to on-site storage in portable tanks.

Greka completed the cleanup of the tank farm. The pipe that allowed the oil to migrate from the secondary containment was welded shut under direction of the OSC and the California Department of Fish and Game (DFG) IC. Greka removed the oil and contaminated soil from the pad area below the tank farm. Greka's contractor completed the Permit Required Confined Space Entry under the County Road Yard building.

On January 17, 2008, the START and the Pacific Strike Team conducted air sampling inside the road yard building for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). The data will be provided to the County Health Officer for to determine if the building can be reoccupied.

On January 15, 2008, OSC Wise, Oil Inspector Peter Riech and START attended the Santa Barbara Co. Supervisors meeting on Greka. OSC Wise sat on the agency panel briefing the supervisors. The supervisors approved recommendation provided by the County agencies to all for stricter regulation of Greka and other problem businesses.

On January 18, 2008, Congresswoman Capps, Supervisor Chairman Carbajal were on-site with a number of high ranking County officials and the media for a briefing and a tour.

OSC Wise increased the FPN to \$100,000.

### **Planned Removal Actions**

Greka's contractor will continue to sparge the creek until deemed clean by the Unified Command. Upon completion of the sparging Greka's consultant will conduct soil sampling to determine if the creek and other oil impacted areas are clean. The action level shall be 1,000 ppm Total Petroleum Hydrocarbons and the industrial PRG for any specific VOCs, SVOCs or heavy metals.

### **Next Steps**

1. Complete sparging of the creek.
2. Sample creek, pad, County Road Yard, Firestone Winery areas and any other contaminated areas.
3. Quantify the oil content of all roll-off-bins and bulk liquid storage tanks.
4. Profile and dispose of the contents of all bins.
5. Oil and Water in bulk liquid storage tanks will be processed by Greka after the Fire Department has released their stop work order.

### **Key Issues**

1. Equipment maintenance of Greka's vacuum trucks continues to be a problem. Greka's trucks scrubbers are substandard and have resulted in several releases of VOCs to the environment.
2. Greka has had problems paying their contractor. Their contractor, ACTI, is meeting with Greka's controller tomorrow to work out payment issues. Any failure of Greka to pay their contractor will result in the immediate Federal takeover of the cleanup. Greka's inability to get local resources themselves has resulted several work stoppages.
3. The Santa Barbara County Sheriff's Department is currently investigating Greka's claim of vandalism.

[www.epaosc.net/GrekaDavisBatterySpill2008](http://www.epaosc.net/GrekaDavisBatterySpill2008)

**United States Environmental Protection Agency  
Region IX  
POLLUTION REPORT**

**Date:** Saturday, January 26, 2008

**From:** Robert Wise, OSC

**To:** ERT Support,  
Paul Casa Grande, EPA  
Barbara Lee, EPA  
Peggy De La Torre, EPA  
Sherry Fielding, EPA  
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Denise Steurer, USFWS

**Subject:** Continuation of Cleanup  
Greka Energy Zaca Lease Davis Tank Battery 2008 Spill  
5017 Zaca Station Road, Los Olivos, CA  
Latitude: 34.72658784  
Longitude: -120.14714783

<b>POLREP No.:</b>	5	<b>Site #:</b>	
<b>Reporting Period:</b>	01/20-25/2008	<b>D.O. #:</b>	
<b>Start Date:</b>	1/5/2008	<b>Response Authority:</b>	OPA
<b>Mob Date:</b>	1/6/2008	<b>Response Type:</b>	Emergency
<b>Completion Date:</b>		<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	Removal Action

RCRIS ID #:

FPN#

E08903

Contract #

Reimbursable Account #

**Site Description**

See Polrep #1.

**Current Activities**

The sparging continued until the rain started on January 22, 2008. On January 22, 2008, heavy rains destroyed the containment dams in the creek and heavily damaged the hay dam at the border of the Chamberlain Ranch. Oil water migrated another 1/4 miles downstream to the first dam on the Chamberlain Ranch. By January 23, water began to buildup on the dam. With the permission of the land owner, Greka's contractor sand bagged off the two conduits going through the dam to the other side. By the morning of January 24, 2008, water and oil had migrated through the two conduits to the south side of the first dam. The water and oil migrated approximately 1/2 mile to the other dam. By the morning of January 25, 2008, water was flowing through a 20" conduit through the second dam, into the creek on the other side. This completed the pathway from the initial entry point into the unnamed blue line creek to the Zaca Creek which is a tributary to the Santa Ynez River, which flows to the Pacific Ocean. Greka's contractor starting on January 23, 2008 began booming the unnamed blue line creek past the two dams, into the Zaca Creek. Booming stopped where the Zaca Creek went under HWY-101.

On January 23, 2008 at EPA, DFG and Santa Barbara Co. Petroleum's direction, Greka pumped free oil or oily water out of a number of places including the secondary containment for the undamaged injection pump, around the portable storage tanks, the Davis Tank Battery and several well cellars.

**Planned Removal Actions**

Removal operations in the creek are on-hold with the exception of preventive measures until after the rain ceases. This is due to health and safety issues associated with flash-flooding in the unnamed blue line creek.

**Next Steps**

1. Complete sparging of the creek.
2. After the rain stops the areas downstream of the initial spill will be evaluated for oil contamination. Any oil contamination detected will be removed.
3. Assessment of the soil in the creek.
4. Disposal of all contaminated soil.

[www.epaossc.net/GrekaDavisBatterySpill2008](http://www.epaossc.net/GrekaDavisBatterySpill2008)

**United States Environmental Protection Agency  
Region IX  
POLLUTION REPORT**

**Date:** Monday, February 04, 2008

**From:** Robert Wise, OSC

**To:**

ERT Support,	Steve Calanog, EPA
Paul Casa Grande, EPA	Eugene Rainwater, EPA
Barbara Lee, EPA	Ivania Brown, EPA
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**Subject:** Continuation of Cleanup  
Greka Energy Zaca Lease Davis Tank Battery 2008 Spill  
5017 Zaca Station Road, Los Olivos, CA  
Latitude: 34.72658784  
Longitude: -120.14714783

<b>POLREP No.:</b>	6	<b>Site #:</b>	
<b>Reporting Period:</b>		<b>D.O. #:</b>	
<b>Start Date:</b>	1/5/2008	<b>Response Authority:</b>	OPA
<b>Mob Date:</b>	1/6/2008	<b>Response Type:</b>	Emergency
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<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	Removal Action

**RCRIS ID #:**

**FPN#**

E08903

**Contract #**

**Reimbursable Account #**

**Current Activities**

ACTI resumed the cleanup of the creek on February 1, 2008. On February 2, 2008, a walk through by the California Department of Fish and Game and the Pacific Strike Team found small areas that required additional work. Due to forecasted rain, the additional work was postponed for health and safety reasons.

**Key Issues**

Due to an incident during the Bell Lease Cleanup, OSC Wise amended the Clean Water Act Order to prohibit Greka employees from conducting any cleanup operations in the creek. This prohibition will not apply once restoration of the creek begins.

[www.epaosc.net/GrekaDavisBatterySpill2008](http://www.epaosc.net/GrekaDavisBatterySpill2008)

**United States Environmental Protection Agency  
Region IX  
POLLUTION REPORT**

**Date:** Wednesday, February 13, 2008

**From:** Robert Wise, OSC

**To:**

ERT Support,	Steve Calanog, EPA
Paul Casa Grande, EPA	Eugene Rainwater, EPA
Barbara Lee, EPA	Ivania Brown, EPA
Peggy De La Torre, EPA	Pat Port, DOI
Sherry Fielding, EPA	Carole Kirby, Cincinnati Finance, USEPA
Kevin Sligh, PST	Harvey Packard, RWQCB
Harry Allan, ERS	Hedy Salter, USEPA R9
Ed Brannon, DOGGR	Craig Benson, ERS
Daniel Meer, US EPA R9	Peter Guria, ERS
Chad Gibson, START	Lt. Brian Gollhopper, CADFG
Mark Samolis, USEPA	Mary Simms, EPA
Steven John, EPA	Jason Musante, ERS
Kenneth Wilson, DFG	Melissa Boggs-Blalack, DFG
Jim Hanson, EPA	Joshua Curtis, CADFG-OSPR
Donn Zuroski, ERS	John Holland, DFG
Damian Higgins, USFWS	Rich Martyn, EPA
Will Duncan, ERS	Janet Yocum, ERS
Michelle Rogow, ERS	Martin Powell, ERS
Tom Dunkelman, ERS	Peter Reich, EPA
Greg Haas, Congressional Staffer	Josh Neipp, SBCOFD
Richard Todd, SBCoFD	Kate Sulka, SBCFD
Michael Massey, EPA ORC	Mike Connell, CADFG OSPR
Steve Nailor, SBCOFD	Todd Stanley, CCRWQCB
Terry Snyder, APCD	Pam McNulty, SBCO Petroleum Office
Mike Zimmer, SBCO Petroleum Office	Denise Steurer, USFWS
Ian Zelo, NOAA	

**Subject:** Completion of Creek Cleanup  
Greka Energy Zaca Lease Davis Tank Battery 2008 Spill  
5017 Zaca Station Road, Los Olivos, CA  
Latitude: 34.72658784  
Longitude: -120.14714783

<b>POLREP No.:</b>	8	<b>Site #:</b>	
<b>Reporting Period:</b>		<b>D.O. #:</b>	
<b>Start Date:</b>	1/5/2008	<b>Response Authority:</b>	OPA
<b>Mob Date:</b>	1/6/2008	<b>Response Type:</b>	Emergency
<b>Completion Date:</b>		<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	Removal Action



**RCRIS ID #:**

**FPN#**

E08903

**Contract #**

**Reimbursable Account #**

**Site Description**

See POLREP #1.

**Current Activities**

On Saturday, February 9, 2008, OSC Wise, PST and ACTI walked the creek at Zaca. A few problem areas were identified. On February 10, 2008, ACTI accompanied by PST cleaned the problem areas. No further cleanup action required in the creek. Further actions in the creek will include confirmation sampling and repairing the damage caused by the cleanup.

**Planned Removal Actions**

1. Sampling of the unnamed tributary by Greka's consultant.
2. Disposal of all contaminated soils off-site.
3. Discharge of all produce water and sparge water generated during the cleanup to the injection wells at such time that Greka is allowed to turn on their injection wells. This is subject to Greka completing the removal to EPA and DFG's satisfaction and meeting of Santa Barbara County's requirements. Only SBCo. Fire Department can remove the stop work order to allow resumption of injection activities.
4. Restoration of all private property damaged by the spill or response operations by Greka.

**Next Steps**

EPA is currently awaiting an updated confirmation sampling plan from Greka's consultant, LFR.

**Key Issues**

Greka is not allowed to conduct any cleanup operations in the creek other than the removal of the contaminated concrete. This is due to the February 1, 2008 amendment to the 311 Order.

[www.epaosc.net/GrekaDavisBatterySpill2008](http://www.epaosc.net/GrekaDavisBatterySpill2008)

**United States Environmental Protection Agency  
Region IX  
POLLUTION REPORT**

**Date:** Tuesday, February 19, 2008

**From:** Robert Wise, OSC

**To:**

ERT Support,	Steve Calanog, EPA
Paul Casa Grande, EPA	Eugene Rainwater, EPA
Barbara Lee, EPA	Ivania Brown, EPA
Peggy De La Torre, EPA	Pat Port, DOI
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Terry Snyder, APCD	Pam McNulty, SBCO Petroleum Office
Mike Zimmer, SBCO Petroleum Office	Denise Steurer, USFWS
Ian Zelo, NOAA	

**Subject:** Update of spill volume.

Greka Energy Zaca Lease Davis Tank Battery 2008 Spill  
5017 Zaca Station Road, Los Olivos, CA  
Latitude: 34.72658784  
Longitude: -120.14714783

<b>POLREP No.:</b>	9	<b>Site #:</b>	
<b>Reporting Period:</b>	02/10-18/2008	<b>D.O. #:</b>	
<b>Start Date:</b>	1/5/2008	<b>Response Authority:</b>	OPA
<b>Mob Date:</b>	1/6/2008	<b>Response Type:</b>	Emergency
<b>Completion Date:</b>		<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	Removal Action